



EXPRESS MAIL MAILING LABEL

No. EH443447896US

SEQUENCE LISTING

<110> STROMINGER, Jack L
WUCHERPFENNIG, Kai

<120> IDENTIFICATION OF SELF AND NON-SELF ANTIGENS IMPLICATED
IN AUTOIMMUNE DISEASE

<130> HAR-001DV

<140> 08/991,628

<141> 1997-11-05

<150> USSN 08/400,796

<151> 1995-03-07

<160> 20

<170> PatentIn Ver. 2.0

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<212> PRT

<213> Homo sapiens

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Ala Thr Gln Lys Ile Thr Tyr Arg Ile Ser Gly Val Gly Ile Asp
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Leu Asn Ser Lys Ile Ala Phe Lys Ile Val Ser Gln Glu Pro Ala
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Cys Glu Cys Asn Ile Lys Val Lys Asp Val Asn Asp Asn Phe Pro
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Ser Ala Arg Thr Leu Asn Asn Arg Tyr Thr Gly Pro Tyr Thr Phe
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Gln Ser Gly Thr Met Arg Thr Arg His Ser Thr Gly Gly Thr Asn
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Phe Arg Gln Leu Val His Phe Val Arg Asp Phe Ala Gln Leu Leu
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Asp Phe Glu Val Val Thr Phe Leu Lys Asp Val Leu Pro Glu Phe
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<213> Pseudomonas aeruginosa

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Asp Arg Leu Leu Met Leu Phe Ala Lys Asp Val Val Ser Arg Asn
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<213> Human Papillomavirus type 7

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<222> (1)
<223> Xaa at position 1 is either Val, Leu, Ile, Met, or

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Phe

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<221> VARIANT
<222> (3)
<223> Xaa at position 3 may be any amino acid

<220>
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<222> (4)
<223> Xaa at position 4 is either Val, Leu, Ile, Met,
Phe, Tyr, or Trp

<220>
<223> Description of Artificial Sequence: Amino acid
sequence motif

<400> 17
Xaa His Xaa Xaa Lys
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<210> 18
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<223> Description of Artificial Sequence: Amino acid
sequence motif

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Met

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<221> VARIANT
<222> (2)
<223> Xaa at position 2 is either Val, Leu, Ile, Ala, or
Met

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<222> (3)
<223> Xaa at position 3 is either His, Asn, Gln, or Phe

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<221> VARIANT
<222> (5)
<223> Xaa at position 5 is either Phe, Tyr, Trp, Val,
Leu, Ile, Ala, or Met

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<221> VARIANT
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Xaa Xaa Xaa Phe Xaa Xaa
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<220>
<223> Description of Artificial Sequence: Amino acid
sequence motif

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Leu, Ile, Ala, or Met

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<222> (4)
<223> Xaa at position 4 is either Phe, Tyr, Trp, Val,
Leu, Ile, Ala, or Met

<220>
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<223> Xaa at position 5 is either Lys or Arg

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Xaa Xaa Phe Xaa Xaa .
1 5

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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Amino acid
sequence motif

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Met

<220>
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<222> (2)
<223> Xaa at position 2 is either His, Phe, Tyr, or Trp

<220>
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<223> Xaa at position 3 is either Phe, Tyr, Trp, Val,
Leu, or Ile

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<222> (4)

<223> Xaa at position 4 is either Phe, Tyr, Trp, Val,
Leu, or Ile

<400> 20

Xaa Xaa Xaa Xaa Lys

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cont